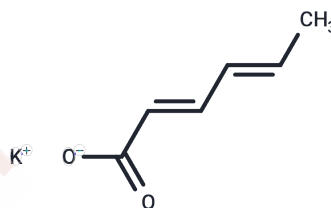


Potassium sorbate

Chemical Properties

CAS No. :	24634-61-5
Formula:	C ₆ H ₇ KO ₂
Molecular Weight:	150.22
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Potassium sorbate (Sorbic acid potassium salt) acts as a potential antifungal agent when used in conjunction with polyethylene films. It also used as a corrosion inhibitor via corrosion mitigation.
Targets(IC50)	Endogenous Metabolite,Antibacterial,Antibiotic,Antifungal

Solubility Information

Solubility	DMSO: 2 mg/mL (13.31 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.6569 mL	33.2845 mL	66.569 mL
5 mM	1.3314 mL	6.6569 mL	13.3138 mL
10 mM	0.6657 mL	3.3285 mL	6.6569 mL
50 mM	0.1331 mL	0.6657 mL	1.3314 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Gören AC, HPLC and LC-MS/MS methods for determination of sodium benzoate and potassium sorbate in food and beverages: performances of local accredited laboratories via proficiency tests in Turkey. Food Chem. 2015 May 15; 175:273-9.

Aaby K, Polyphenol composition and antioxidant activity in strawberry purees; impact of achene level and storage. J Agric Food Chem. 2007 Jun 27;55(13):5156-66.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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